

EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEE	RRR	FFF
EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEEEEEEEE	RRRRRRRRR	FFFFFFFFFF
EEE	RRR RRR	FFF
EEEEEEEEE	RRR RRR	FFF
EEEEEEEEE	RRR RRR	FFF
EEEEEEEEE	RRR RRR	FFF

\*\*FILE\*\*ID\*\*UNDEFINED

G 15

UU UU NN NN DDDDDDDD EEEEEEEEEE FFFFFFFFFF IIIIII NN NN EEEEEEEEEE DDDDDDDD  
UU UU NN NN DDDDDDDD EEEEEEEEEE FFFFFFFFFF IIIIII NN NN EEEEEEEEEE DDDDDDDD  
UU UU NN NN DD DD EE EE FF FF IIIIII NN NN EE DD DD  
UU UU NN NN DD DD EE EE FF FF IIIIII NN NN EE DD DD  
UU UU NNNN NNNN DD DD EE EE FF FF IIIIII NNNN NNNN EE DD DD  
UU UU NNNN NNNN DD DD EE EE FF FF IIIIII NNNN NNNN EE DD DD  
UU UU NN NN NN DD DD EEEEEEEEEE FFFFFFFFFF IIIIII NN NN EEEEEEEEEE DD DD  
UU UU NN NN NN DD DD EEEEEEEEEE FFFFFFFFFF IIIIII NN NN EEEEEEEEEE DD DD  
UU UU NN NNNN DD DD EE EE FF FF IIIIII NN NNNN EE DD DD  
UU UU NN NNNN DD DD EE EE FF FF IIIIII NN NNNN EE DD DD  
UU UU NN NN DD DD EE EE FF FF IIIIII NN NN EE DD DD  
UU UU NN NN DD DD EE EE FF FF IIIIII NN NN EE DD DD  
UU UU NN NN DDDDDDDD EEEEEEEEEE FF FF IIIIII NN NN EEEEEEEEEE DDDDDDDD  
UU UU NN NN DDDDDDDD EEEEEEEEEE FF FF IIIIII NN NN EEEEEEEEEE DDDDDDDD  
.....  
PR

LL IIIIII SSSSSSSS  
LL IIIIII SSSSSSSS  
LL IIIIII SS SS  
LL IIIIII SSSSSSSS  
LL IIIIII SSSSSSSS  
EN  
VA

0001 SUBROUTINE UNDEFINED (LUN)  
0002 C  
0003 C Version: 'V04-000'  
0004 C\*\*\*\*\*  
0005 C\*  
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0025 C\*\*\*\*\*  
0026 C  
0027 C  
0028 C  
0029 C  
0030 C AUTHOR BRIAN PORTER CREATION DATE 11-DEC-1979  
0031 C  
0032 C++  
0033 C Functional description:  
0034 C  
0035 C This module displays entries that are caused by UNDEFINED INTERRUPTS.  
0036 C An Undefined Interrupt is when an interrupt occurs through an  
0037 C uninitialized SCB vector.  
0038 C  
0039 C Modified by:  
0040 C  
0041 C V03-001 SAR0104 Sharon A. Reynolds, 20-Jun-1983  
0042 C Changed the carriage control in the 'format' statements  
0043 C for use with ERF.  
0044 C  
0045 C v02-001 BP0001 Brian Porter, 1-JUL-1981  
0046 C Added call to LOGGER. Added 11/7zz support.  
0047 C--  
0048 C++  
0049 C  
0050 C  
0051 C  
0052 C INCLUDE 'SRC\$:MSGHDR.FOR /NOLIST'  
0111 C INCLUDE 'SRC\$:SYECOM.FOR /NOLIST'  
0239 C  
0240 C  
0241 C  
0242 C

UNDEFINED

I 15  
16-Sep-1984 00:29:40  
5-Sep-1984 14:24:42VAX-11 FORTRAN V3.4-56  
DISK\$VMSMASTER:[ERF.SRC]UNDEFINED.FOR;1

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```
0243      BYTE      LUN
0244
0245      INTEGER*4   ADAPTER_TR
0246
0247      INTEGER*4   SLOT_INDEX
0248
0249      INTEGER*4   SBI_REGA
0250
0251      INTEGER*4   CSRO
0252
0253      INTEGER*4   COMPRESS4
0254
0255      EQUIVALENCE (EMB(16),ADAPTER_TR,SLOT_INDEX)
0256
0257      EQUIVALENCE (EMB(20),SBI_REGA,CSRO)
0258
0259
0260
0261
0262      CALL FRCTOF (LUN)
0263
0264
0265
0266
0267
0268      entry b_undefined (lun)
0269
0270
0271
0272
0273      call header (lun)
0274
0275      call logger (lun,'UNDEFINED INTERRUPT')
0276
0277      if (
0278      1 lib$extzv(24,8,emb$1_hd_sid) .eq. 255
0279      1 or.
0280      1 lib$extzv(24,8,emb$1_hd_sid) .eq. 1
0281      1 ) then
0282
0283      CALL LINCHK (LUN,2)
0284
0285      WRITE(LUN,10) ADAPTER TR
0286      FORMAT('/', 'ADAPTER TR# ',I<COMPRESS4 (ADAPTER_TR>),'.')
0287
0288      CALL CLASSIFY (LUN,SBI_REGA)
0289
0290      else if (
0291      1 lib$extzv(24,8,emb$1_hd_sid) .eq. 2
0292      1 or.
0293      1 lib$extzv(24,8,emb$1_hd_sid) .eq. 3
0294      1 ) then
0295
0296      CALL LINCHK (LUN,2)
0297
0298      WRITE(LUN,20) SLOT INDEX
0299      FORMAT('/', 'ADAPTER SLOT INDEX# ',I<COMPRESS4 (SLOT_INDEX>),'.')
```

UNDEFINED

J 15  
 16-Sep-1984 00:29:40  
 5-Sep-1984 14:24:42

VAX-11 FORTRAN V3.4-56  
 DISK\$VMSMASTER:[ERF.SRC]UNDEFINED.FOR;1

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```

0300
0301      CALL LINCHK (LUN,1)
0302
0303      WRITE(LUN,30) CSRO
0304      30      FORMAT(' ',TB,'ADAPTER CSR ',T24,Z8.8)
0305      endif
0306
0307      RETURN
0308
0309      END
  
```

## PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	306	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	125	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	96	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
3 EMB	512	PIC OVR REL GBL SHR NOEXE RD WRT LONG
4 SYECOM	44	PIC OVR REL GBL SHR NOEXE RD WRT LONG
Total Space Allocated	1083	

## ENTRY POINTS

Address	Type	Name	Address	Type	Name
0-00000017	B	UNDEFINED	0-00000000		UNDEFINED

## VARIABLES

Address	Type	Name	Address	Type	Name
3-00000010	I*4	ADAPTER TR	4-00000012	L*1	CP 11750
4-00000011	L*1	CP 11780	4-00000013	L*1	CP-1172Z
4-00000014	I*4	CRYPTK FLAG	3-00000014	I*4	CSRO
4-0000000D	I*4	DEV CHAR	3-00000000	I*4	EMB\$L HD SID
3-00000004	I*2	EMB\$W HD ENTRY	3-0000000E	I*2	EMB\$W HD_ERRSEQ
4-0000001E	L*1	END VALUE	4-0000001D	L*1	EOF FLAG
4-00000004	I*4	FORMS	4-0000000C	L*1	LINES
4-00000027	I*4	LSTLUN	AP-00000004@	L*1	LUN
4-0000001F	I*4	MAILBOX CHANNEL	4-0000002B	CHAR	OPTIONS
4-00000008	L*4	PRINTER	4-00000000	I*4	RECCNT
4-00000023	I*4	RECORD SIZE	3-00000014	I*4	SBI REGA
3-00000010	I*4	SLOT INDEX	4-00000019	L*1	VALID CLASS
4-0000001A	L*1	VALID_CPU	4-0000001B	L*1	VALID ENTRY
4-0000001C	L*1	VALID_TYPE	4-00000018	L*1	VOLUME_OUTPUT

UNDEFINED

K 15  
16-Sep-1984 00:29:40 VAX-11 FORTRAN V3.4-56  
5-Sep-1984 14:24:42 DISK\$VMSMASTER:[ERF.SRC]UNDEFINED.FOR;1 Page 4

ARRAYS

Address	Type	Name	Bytes	Dimensions
3-00000000	L*1	EMB	512	(0:511)
3-00000006	I*4	EMBSQ_HD_TIME	8	(2)

LABELS

Address	Label	Address	Label	Address	Label
1-00000024	10'	1-00000040	20'	1-00000064	30'

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name	Type	Name	Type	Name
CLASSIFY		I*4	COMPRESS4	FRCTOF		HEADER		I*4	LIBSEXTZV
LOGGER									LINCHK

COMMAND QUALIFIERS

FORTRAN /LIS=LISS:UNDEFINED/OBJ=OBJ\$:UNDEFINED MSRC\$:UNDEFINED  
/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)  
/DEBUG=(NOSYMBOLS,TRACEBACK)  
/STANDARD=(NOSYNTAX,NOSOURCE FORM)  
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)  
/F77 /NOG\_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

COMPILE STATISTICS

Run Time: 2.04 seconds  
Elapsed Time: 5.45 seconds  
Page Faults: 126  
Dynamic Memory: 171 pages

0154 AH-BT13A-SE  
VAX/VMS V4.0

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